

## EAST Search History

R.A

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20	nakanishi near3 shuichi	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 12:43
S2	11586	(spatial\$3 near3 light\$3 near3 modulat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/06 15:22
S3	71728	"345"/\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/06 15:32
S4	667	S2 & S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/06 15:32
S5	214478	(select\$4 near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/06 15:34
S6	68	S4 & S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/06 15:34
S7	11595	(spatial\$3 near3 light\$3 near3 modulat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 12:43
S8	71803	"345"/\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 12:43
S9	668	S7 & S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 12:43
S10	214594	(select\$4 near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 14:18
S11	69	S9 & S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 12:43

## EAST Search History

S12	7147933	control\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 12:43
S13	68	S11 & S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 13:56
S14	289805	("345"/\$!.ccls.)   ("250"/\$!.ccls.)   ("359"/\$!.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 14:07
S15	16246	(spatial\$3 near2 light\$3 near2 modulat\$3)   (SLM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 14:17
S16	513695	(select\$4 near3 (circuit\$2   control\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:05
S17	885821	((tim\$3   clock\$3) near3 (control\$3   generat\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 14:31
S18	185	S14 & S15 & S16 & S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:06
S19	1883921	(display)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 14:32
S20	158	S18 & S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:06
S21	874937	((R\$1G\$1B)   (red   green   blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 14:33
S22	105	S20 & S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:06
S23	232988	(select\$4 near1 (circuit\$2   control\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:05

## EAST Search History

S24	81	S14 & S15 & S23 & S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:06
S25	69	S24 & S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:06
S26	49	S25 & S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:06
S27	10	"6281949.pn"   "6330039".pn.   "2001022613".pn.   "6568811".pn.   "2001050661".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:42
S28	10	"6281949.pn."   "6330039".pn.   "2001022613".pn.   "6568811".pn.   "2001050661".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:42
S29	2	"6281949".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:59
S30	2	"6568811".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:59
S31	8	("4090219"   "5526063"   "5530489"   "5883681"   "5903323"   "6034666").PN. OR ("6281949"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 16:00
S32	290031	("345"/\$!.ccls.)   ("250"/\$!.ccls.)   ("359"/\$!.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 10:34
S33	16275	(spatial\$3 near2 light\$3 near2 modulat\$3)   (SLM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 10:34
S34	886570	((tim\$3   clock\$3) near3 (control\$3   generat\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 10:34
S35	1885373	(display)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 10:34

## EAST Search History

S36	875938	((R\$1G\$1B)   (red   green   blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 10:34
S37	233171	(select\$4 near1 (circuit\$2   control\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 10:34
S38	81	S32 & S33 & S37 & S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 10:34
S39	69	S38 & S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 10:34
S40	49	S39 & S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 11:16
S41	70463	(white near4 (light   LED))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 11:16
S42	18	S39 & S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 11:18
S43	4	rbgw near4 (light   LED) near3 (source\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 14:33
S44	16275	(spatial\$3 near2 light\$3 near2 modulat\$3)   (SLM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 14:32
S45	290031	("345"/\$!.ccls.)   ("250"/\$!.ccls.)   ("359"/\$!.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 14:32
S46	1378	(red & green & blue & white) near5 (light   LED) near3 (source\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:07
S47	202	S44 & S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 14:34

## EAST Search History

S48	99	S45 & S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:06
S49	23910	four near3 (light\$1   LED\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:07
S50	485	S44 & S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:07
S51	188	S45 & S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:07
S52	77149	(red & green & blue & white)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:07
S53	74	S51 & S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:48
S54	239	r\$1g\$1b\$1w	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:48
S55	22	S44 & S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:54
S56	14197	(red near2 (light   LED)) & (white near2 (light   LED))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:57
S57	762	S44 & S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:55
S58	377	S45 & S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:55
S59	8556	(red near2 (light   LED)) & (white near2 (light   LED)) & (green near2 (light   LED)) & (blue near2 (light   LED))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:59

## EAST Search History

S60	620	S44 & S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:58
S61	312	S45 & S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 16:00
S62	3485	(red near2 (light   LED)) same (white near2 (light   LED)) same (green near2 (light   LED)) same (blue near2 (light   LED))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 15:59
S63	727	S45 & S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 16:00
S64	727	S45 & S63	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 16:00
S65	278	S44 & S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 16:01
S66	144	S45 & S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 16:28
S67	83980	projector	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 16:28
S68	970	S62 & S67	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 16:28
S69	314	S45 & S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 16:28
S70	60	S44 & S69	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 16:28
S71	16282	(spatial\$3 near2 light\$3 near2 modulat\$3)   (SLM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:01

## EAST Search History

S72	4197	(white near2 (LED   (light adj emitting adj diode)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 15:23
S73	54	S71 & S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 13:15
S74	84043	projector	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 13:15
S75	173	S72 & S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 13:16
S76	1976	(red near2 (LED   (light adj emitting adj diode))) & (green near2 (LED   (light adj emitting adj diode))) & (blue near2 (LED   (light adj emitting adj diode)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 15:23
S77	28	S75 & S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 13:21
S78	21342	(spatial\$3 near2 modulat\$3)   (SLM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 13:44
S79	71	S72 & S78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 13:44
S80	11	S76 & S79	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 14:29
S81	5702	(four near3 (LED\$2   (light adj emitting adj diode\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 14:30
S82	75	S71 & S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 14:30
S83	3	S72 & S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 14:47

## EAST Search History

S84	4	"6750874".pn.   "6954191".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 14:51
S85	310	R\$2G\$2B\$2W\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 15:55
S86	22	S71 & S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 15:55
S87	11899	(white near2 (light adj source\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 15:23
S88	993	((red near2 (light adj source\$1)) & (green near2 (light adj source\$1)) & (blue near2 (light adj source\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 15:25
S89	84	S71 & S87 & S88	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 15:25
S90	8052	R\$2G\$2B\$2Y\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 15:57
S91	49	S71 & S90	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 15:58
S92	6447	R\$2G\$2B\$1Y\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 15:57
S93	15	S71 & S92	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 16:26
S94	57	S74 & S92	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 16:26
S95	49	S94 not S93	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/13 16:26

## EAST Search History

S96	16303	((spatial\$3 near2 light\$3 near2 modulat\$3)   (SLM))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:01
S97	4205	(white near2 (LED   (light adj emitting adj diode)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 12:09
S98	55	S96 & S97	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:14
S99	3212	(color adj wheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:35
S100	5421	(red near3 green near3 blue near3 white)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 14:21
S101	130	S99 with S100	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:15
S102	77	S96 & S101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:33
S103	13	R\$2W\$2G\$2W\$2B\$2W	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:34
S104	6	S99 & S103	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:34
S105	6	S96 & S104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:34
S106	35	(color adj wheel) near3 six	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:36
S107	23	S96 & S106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:43

## EAST Search History

S10 8	2	"6215547".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:45
S10 9	2649	(red near3 white) & (green near3 white) & (blue near3 white)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:46
S11 0	156	S96 & S109	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:46
S11 1	0	(red adj (LED   (light adj emitting adj diode)   (light adj source)) near3 white adj (LED   (light adj emitting adj diode)   (light adj source))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 12:11
S11 2	200	(red adj (LED   (light adj emitting adj diode)   (light adj source)) with white adj (LED   (light adj emitting adj diode)   (light adj source)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:49
S11 3	11	S96 & S112	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:58
S11 4	8517	(DMD   (digital adj micro\$1mirror adj device\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:58
S11 5	57	S97 & S114	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:59
S11 6	1886901	display	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 11:59
S11 7	53	S115 & S116	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 12:00
S11 8	36	S115 not S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 12:00
S11 9	11118	(white near2 (light adj source))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 12:10

## EAST Search History

S12 0	1900	((red adj (LED   (light adj emitting adj diode)   (light adj source))) & (green adj (LED   (light adj emitting adj diode)   (light adj source))) & (blue adj (LED   (light adj emitting adj diode)   (light adj source))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 12:12
S12 1	741	S96 & S119	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 12:16
S12 2	64	S120 & S121	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 12:16
S12 3	623	S114 & S119	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 12:16
S12 4	60	S120 & S123	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 12:16
S12 5	58	S124 not S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 12:16
S12 6	606	(red near3 green near3 blue) near6 off	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 14:21
S12 7	47	S96 & S126	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 14:33
S12 8	51230	period near5 off	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 14:34
S12 9	327	S96 & S128	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 14:34
S13 0	822	((light adj source\$1)   (LED   light adj emitting adj diode\$1)) near5 off near5 period	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 14:35

## EAST Search History

S13 1	43	S96 & S130	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 14:36
S13 2	2	"20020041708".PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 17:23
S13 3	16303	(spatial\$3 near2 light\$3 near2 modulat\$3)   (SLM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 17:43
S13 4	71962	"345"/\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 17:44
S13 5	716	S133 & S134	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 17:44
S13 6	540663	((light adj emitting adj diode\$1)   LED\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 17:44
S13 7	264	S135 & S136	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 17:52
S13 8	5855	(345/32,82,104,204,589,690).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 17:52
S13 9	15	((spatial adj light adj modulat\$4) & (luminous near2 flux) & (red adj3 light   diode   source) & (white adj3 light   diode   source) & (green adj3 light   diode   source) & (blue adj3 light   diode   source)).clm.	US-PGPUB	OR	OFF	2006/03/14 17:56
S14 0	1	((spatial adj light adj modulat\$4) & (luminous near2 flux) & (red adj3 (light   diode   source)) & (white adj3 (light   diode   source)) & (green adj3 (light   diode   source)) & (blue adj3 (light   diode   source))).clm.	US-PGPUB	OR	OFF	2006/03/14 17:57
S14 1	99	348/750.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/14 17:59

## EAST Search History

S14 2	1381	(359/11,196,220,221).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/15 17:13
S14 3	855	(250/227.14,578.1).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/15 17:13